Title (en)

FAST CONNECTION RELEASE AFTER PAGING RESPONSE

Title (de)

SCHNELLE VERBINDUNGSFREIGABE NACH PAGING-ANTWORT

Title (fr)

LIBÉRATION RAPIDE DE CONNEXION APRÈS RÉPONSE DE RADIOMESSAGERIE

Publication

EP 4079088 A4 20230913 (EN)

Application

EP 19956852 A 20191218

Priority

CN 2019126166 W 20191218

Abstract (en)

[origin: WO2021120032A1] Various aspects of the present disclosure generally relate to wireless communication. In some aspects, a base station associated with a first radio access network (RAN) may transmit, and a user equipment (UE) may receive, a paging message while the UE is operating in an inactive or idle mode on the first RAN and while the UE is operating in a connected mode on a second RAN. The UE may transmit a response rejecting the paging message to the base station associated with the first RAN, and the response may include information that causes the base station to release the UE to the inactive or idle mode. Accordingly, the base station may transmit, to the UE, a radio resource control message that includes information to release the UE to the inactive or idle mode on the first RAN. Numerous other aspects are provided.

IPC 8 full level

H04W 76/15 (2018.01); **H04W 68/00** (2009.01); **H04W 76/30** (2018.01); H04W 68/12 (2009.01); H04W 88/06 (2009.01)

CPC (source: EP US)

H04W 68/00 (2013.01 - EP); **H04W 68/005** (2013.01 - US); **H04W 68/12** (2013.01 - EP); **H04W 76/15** (2018.01 - EP); **H04W 76/30** (2018.01 - EP US); H04W 88/06 (2013.01 - EP)

Citation (search report)

- [A] US 2017034723 A1 20170202 - ANAND RAGHAVENDRA SHYAM [IN], et al
- [YA] SONY: "Solution KI#1: Busy Indication as a paging response", vol. SA WG2, no. Reno, US; 20191118 - 20191122, 8 November 2019 (2019-11-08), XP051821243, Retrieved from the Internet <URL:https://ftp.3gpp.org/tsg_sa/WG2_Arch/TSGS2_136_Reno/Docs/S2-1911141.zip S2-1911141 Busy indicator as a paging response v2.doc> [retrieved on 20191108]
- [Y] ANONYMOUS: "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; NR; Radio Resource Control (RRC) protocol specification (Release 15)", vol. RAN WG2, no. V15.7.0, 27 September 2019 (2019-09-27), pages 1 - 527, XP051785033, Retrieved from the Internet <URL:ftp://ftp.3gpp.org/Specs/archive/38_series/38.331/38331-f70.zip 38331-f70.docx> [retrieved on 20190927]
- [A] SONY: "Solution KI#1: Busy Indication as a paging response", vol. SA WG2, no. Reno, US; 20191118 - 20191122, 21 November 2019 (2019-11-21), XP051828377, Retrieved from the Internet <URL:https://ftp.3gpp.org/Meetings_3GPP_SYNC/SA2/Docs/S2-1912408.zip S2-1912408 was S2-1911141 Busy indicator as a paging response v2.doc> [retrieved on 20191121]
- See references of WO 2021120032A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2021120032 A1 20210624; CN 114830807 A 20220729; EP 4079088 A1 20221026; EP 4079088 A4 20230913; US 2023007732 A1 20230105

DOCDB simple family (application)

CN 2019126166 W 20191218; CN 201980103028 A 20191218; EP 19956852 A 20191218; US 201917756430 A 20191218